

FIGURE 1

09942024-082801

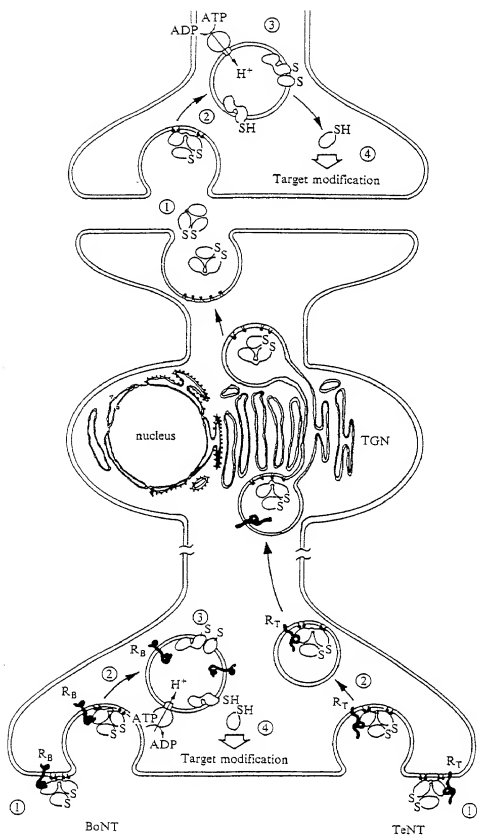


FIGURE 2

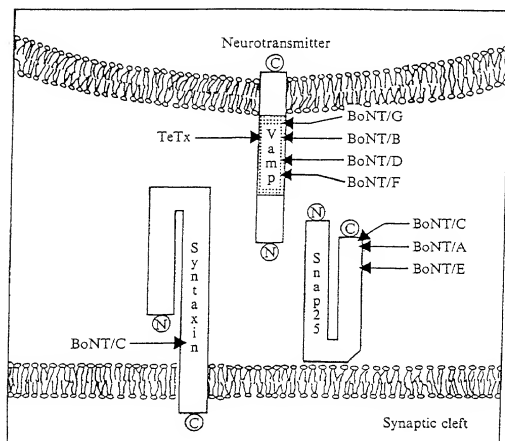
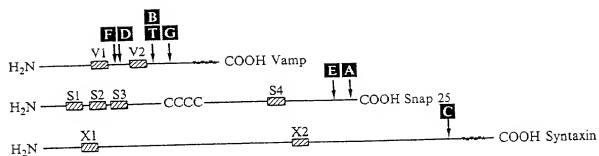
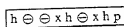


FIGURE 3

A.



B.



C.

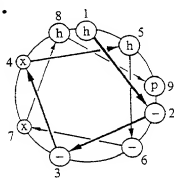


FIGURE 4

1	75	
SNAP-25 Human (1)	-----MADDNRNRELEKQRCQCTHOBDESLESTRMLJVBESVAGIPIVADQOEOLEBERGMDIN	
SNAP-25 Mouse (1)	-----MADDNRNRELEKQRCQCTHOBDESLESTRMLJVBESVAGIPIVADQOEOLEBERGMDIN	
SNAP-25 Drosophila (1)	MPAPDSREVAQVQKTELRLTQINAGVADDESLESTRMLALCESHAGITLVADQOEOLEBERGMDIN	
SNAP-25 Goldfish (1)	-----MADDNRNRELEKQRCQCTHOBDESLESTRMLJVBESVAGIPIVADQOEOLEBERGMDIN	
SNAP-25 Sea Urchin (1)	-----MEDQNDNRNRELEKQRCQCTHOBDESLESTRMLJVBESVAGIPIVADQOEOLEBERGMDIN	
SNAP-25 Chicken (1)	-----MADDNRNRELEKQRCQCTHOBDESLESTRMLJVBESVAGIPIVADQOEOLEBERGMDIN	
76	30	
SNAP-25 Human (69)	KQCPAEKNTDLKQFCGQVAPEN---KLSSSDAVKAANNQDGMASQFATVBERQMAISGGFRFVW	150
SNAP-25 Mouse (69)	KQCPAEKNTDLKQFCGQVAPEN---KLSSSDAVKAANNQDGMASQFATVBERQMAISGGFRFVW	
SNAP-25 Drosophila (76)	AMCPAEKNTGNEKCGICQICQKQSFADGG---TKGNDEWNNQFQVMDRQEMQAGVFGFVW	
SNAP-25 Goldfish (69)	KQCPAEKNTGNEKCGICQICQKQSFADGG---TKGNDEWNNQFQVMDRQEMQAGVFGFVW	
SNAP-25 Sea Urchin (71)	TQCPAEKNTDLKQFCGQVAPEN---KLSSSDAVKAANNQDGMASQFATVBERQMAISGGFRFVW	
SNAP-25 Chicken (69)	QCPAEKNTDLKQFCGQVAPEN---KLSSSDAVKAANNQDGMASQFATVBERQMAISGGFRFVW	
151	225	
SNAP-25 Human (140)	DAREENENQVSGTLENLEHATDQGEIQTQRPRTIHEADSNKTRIDEN---GATKMGSG	
SNAP-25 Mouse (140)	DAREENENQVSGTLENLEHATDQGEIQTQRPRTIHEADSNKTRIDEN---GATKMGSG	
SNAP-25 Drosophila (148)	DAREENENQVSGTLENLEHATDQGEIQTQRPRTIHEADSNKTRIDEN---GATKMGSG	
SNAP-25 Goldfish (137)	DAREENENQVSGTLENLEHATDQGEIQTQRPRTIHEADSNKTRIDEN---GATKMGSG	
SNAP-25 Sea Urchin (146)	DAREENENQVSGTLENLEHATDQGEIQTQRPRTIHEADSNKTRIDEN---GATKMGSG	
SNAP-25 Chicken (140)	DAREENENQVSGTLENLEHATDQGEIQTQRPRTIHEADSNKTRIDEN---GATKMGSG	
226	260	
SNAP-25 Human (207)	-----	
SNAP-25 Mouse (207)	-----	
SNAP-25 Drosophila (213)	-----	
SNAP-25 Goldfish (204)	-----	
SNAP-25 Sea Urchin (213)	-----	
SNAP-25 Chicken (215)	LMLSQRAVPSCFYHGYILLGLHCTCTQPHCKCCPV	

FIGURE 5

Inventors: Steward et al.
Attorney Docket: P-AR 4803

1
VAMP-1 HUMAN (1) MSAPAQPPNEGTEGTAPE-SQPFCEPPFMM-SNRRLQOQOAV-EYVDI-EVNVKVLIERD-TLS-LDDRADALQ
VAMP-2 HUMAN (1) ---MSATATAPFAAPAGGGPAPPEPMI-SNRRLQOQOAV-EYVDI-EVNVKVLIERD-TLS-LDDRADALQ
VAMP-2 MOUSE (1) ---MSATATAPFAAPAGGGPAPPEPMI-SNRRLQOQOAV-EYVDI-EVNVKVLIERD-TLS-LDDRADALQ
VAMP Bovine (1) ---MSATATAPFAAPAGGGPAPPEPMI-SNRRLQOQOAV-EYVDI-EVNVKVLIERD-TLS-LDDRADALQ
VAMP-2 Frog (1) ---MSAPRAGEPPAAPGQAGPGE-NLSNRRLQOQOAV-EYVDI-EVNVKVLIERD-TLS-LDDRADALQ
VAMP Sea urchin (1) -----MAAPPE-PAPENRLOOQOAV-EYVDI-EVNVKVLIERD-TLS-LDDRADALQ

76
VAMP-1 HUMAN (75) SASQFESS-SALKRKYWKQ-KMM-IGG-GAI-VVV-VIVVF⁷⁶-----
VAMP-2 HUMAN (73) SASQFESS-SALKRKYWKQ-KMM-IGG-GAI-VVV-VIVVF⁷⁶-----
VAMP-2 MOUSE (73) SASQFESS-SALKRKYWKQ-KMM-IGG-GAI-VVV-VIVVF⁷⁶-----
VAMP Bovine (73) SASQFESS-SALKRKYWKQ-KMM-IGG-GAI-VVV-VIVVF⁷⁶-----
VAMP-2 Frog (71) SASQFESS-SALKRKYWKQ-KMM-IGG-GAI-VVV-VIVVF⁷⁶-----
VAMP Sea urchin (57) SASQFESS-SALKRKYWKQ-KMM-IGG-GAI-VVV-VIVVF⁷⁶-----

FIGURE 6

